

Water-Data Report 2008

362328079421701 Local number RK-233, NCDENR Upper Piedmont Research Station MW-N3I near Reidsville, NC (Transition Zone)

Piedmont and Blue Ridge crystalline-rock aquifers
Saprolite

Rockingham County, NC

LOCATION.--Lat 36°23'28", long 79°42'17" referenced to North American Datum of 1983, Rockingham County, NC, Hydrologic Unit 03010103, 0.11 west of Secondary Road 2041, 0.83 mi north of North Carolina Highways 65/87, and 2.37 mi northwest of Reidsville. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 30 ft, diameter 4 in., cased to 15 ft, screened interval from 15 ft to 30 ft, sand filter packed from 12 ft to 30 ft.

DATUM.--Land-surface datum is 770.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of protective steel casing at lock bracket, 2.20 ft above land-surface datum, June 12, 2002, to present.

PERIOD OF RECORD.--August 2002 to current year.

GAGE.--Measured periodically with electric tape by NCDENR, Division of Water Quality.

REMARKS.--Well is part of Piedmont/Mountains ground-water study.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.59 ft below land-surface datum, July 7, 2003; lowest water level measured, 29.30 ft below land-surface datum, March 10, 2003. Well dry August 2002 through February 2003.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

Date	Water level	Date	Water level
Nov 29, 2007	28.02	May 30, 2008	27.48
Dec 27	28.26	Jun 30	27.41
Jan 30, 2008	28.45	Jul 31	27.59
Feb 29	28.51	Sep 5	28.07
Mar 31	28.39	30	28.37
Apr 26	28.00		

Highest: 27.41 Jun 30, 2008

Lowest: 28.51 Feb 29, 2008

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